User Manual

(IP Camera)

Table of contents

1. Overview----------

1.1 Key Features----------2

1.2 Read Before Use----------2

2. Installation----------3

3. Mobile Access----------

3.1 Download and Install APP----------4

3.2 Access to IP Camera----------4

3.3 Surveillance GUI ----------6

4. Access to IP Camera by Personal Computer----------

4.1 Login & Register----------6

4.2 Add Device----------8

4.3 Open/Modify/Delete Device----------9

4.4 SW Setup----------10

4.5 Alarm Event----------11

5. Surveillance Software GUI----------

5.1 Login Window----------11

5.2 Surveillance Window----------12

6. Advanced Camera Settings----------

6.1 Device Status----------14

6.2 Video Setup----------14

6.3 Alarm Setup----------15

6.4 WIFI Setup----------16

6.5 Net Setup----------17

6.6 Maintenance----------17

7. Appendix----------

7.1 Warranty----------19

7.2 Questions----------19

7.3 Announcement----------19

1. Overview

Our products are designed for network video surveillance system, including Pan/Tilt IP camera, Cube IP Camera, Dome IP Camera, Waterproof IP Camera and so on. We only adopt high performance chip to ensure high quality media processor have the ability to process audio and video collection, compression and transmission at the same time.

Our products are equipped with standard H.264 compression format, which makes video transmission clearer and smoother. H.264 compression format enables users to realize both the real-time monitor and remote control via Web, CMS and Application Platform with good stability and compatibility. The product is easy to install and operate. Users only take a few minutes to connect the IP camera to the network.

IP camera is a new-generation product combining an analog camera & IP video technology. The product can not only have the full functions of an analog camera, but also have the ability to compress and encrypt video and audio signal through Internet. Both video and audio signal can be received on the remote terminals.

IP camera runs on the entire opening standard TCP/IP protocol, and built-in web server makes users easy to realize remote monitoring on electronic devices such as PC, iOS, Android devices etc.
It allows you to monitor and control the image through the internet at anytime anywhere. And it is widely applied to offices, home, schools, factories, workshops etc.

1.1 Key Features

- 720P HD Wireless IP Camera (to be specified by the model)
- WPS-enabled Wireless Connection (to be specified by the model)
- Two-way Audio Monitoring (to be specified by the model)
- Remote Control Pan/Tilt (to be specified by the model)
- Quick and Simple setup
- H.264 Video Compression
- Support motion detection/alarm
- Day/Night surveillance
- Support IR Off/On
- Monitor on iOS, Android, Mac OS and Windows.
- Support Micro SD Card up to 32GB(not included)

1.2 Read Before Use

Please first verify that all contents received are complete according to the Package Contents listed in the Quick Installation Guide.
Before the IP camera is installed, please carefully read and follow the instructions in the Quick Installation Guide to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

Please make sure the power adapter connected to the IP camera is authorized by the factory. The use of unauthorized power adapter may cause damages to the product.
It is not recommended to take off any manufacturing labels on the product.
Before the use or installation of the product, please make sure you read carefully and follow exactly the instructions provided on this manual.
The factory default password of the device is 888888. After the successful login, please reset the device password and keep your device password safe.
You need restart the device whenever you insert or take off your Micro SD.
When you connect the Internet by both Wired Connection and WPS Connection, please be aware that you can only connect the Internet by Wired Connection. Please take of the Ethernet Cable if you choose WPS Connection.
If the firmware is updated, you need to set the device to the status of “Restore Factory”. During the updating process, please do not turn off your power supply and Network. (It is highly recommended that the updating should be on the condition of Wired Connection.

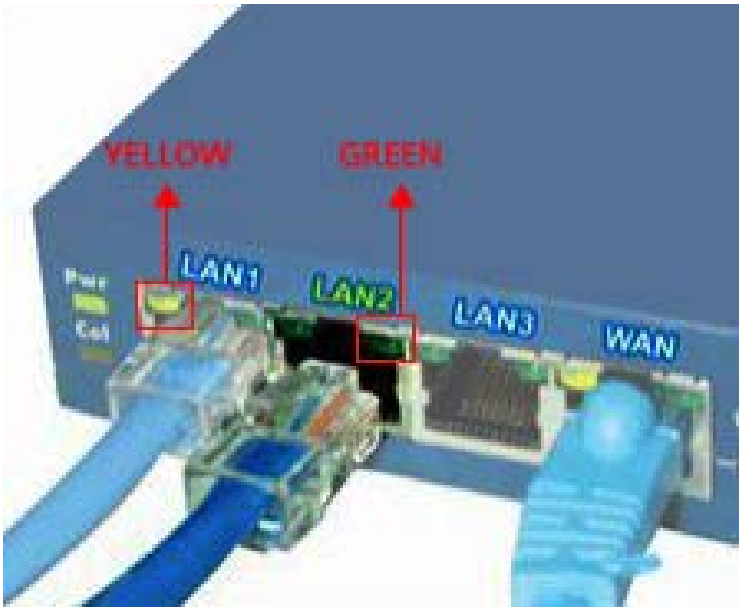
2. Installation

- **Connection of Ethernet cable and power adaptor**

Step 1: Connect the power adaptor to the electrical outlet of the IP camera and power on.
Step 2: Connect the crystal head of Ethernet cable to RJ45 interface of IP camera.

- **Connect IP camera to router/switch/hub with Ethernet cable**

Connect the other side of the Ethernet cable to Ethernet switch, router or IP sharing device.



If there are any data transmission or network activities, the green LED light will flash.
After about 1 minute, under normal conditions, the yellow is normally on, and green light flashes, physical connection of the IP camera is complete.(For smooth connection, it is recommended to set up the IP camera to a fixed IP in the same network segment as PC within the LAN.)
At this time, IP camera communicates with your network. Now you can login and visit the IP camera.

3. Mobile Access(Android or iOS operation system)

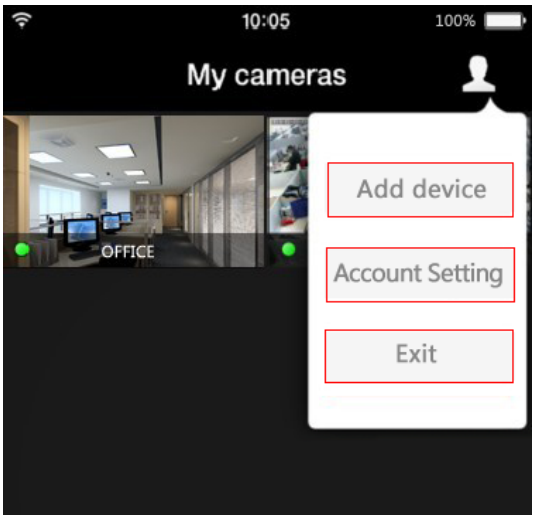
3.1 Download and Install APP

Please refer to the Quick Installation Guide if you install the camera on smart phone at first time. After finishing quick installation, you can take time to learn the operation of the APP.

3.2 Access to IP Camera

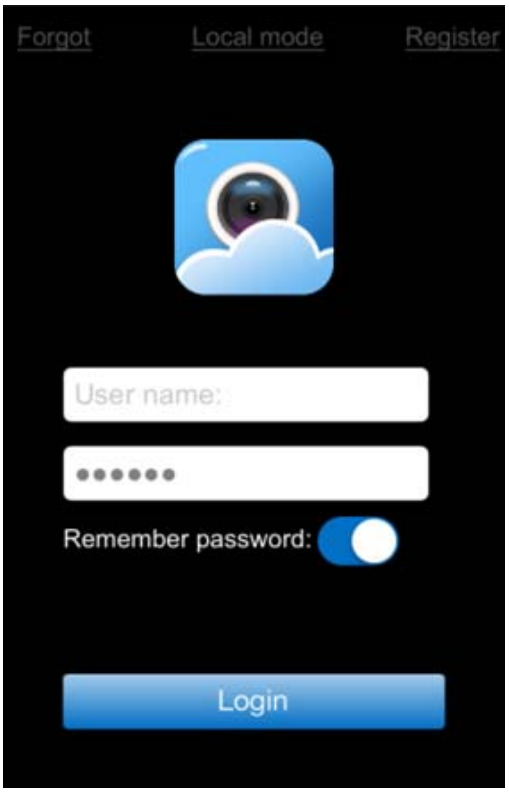
Click the icon “P2P iCamera” on your phone to run the APP.

After LOGIN, you can click to Add/Setup/Exit device.

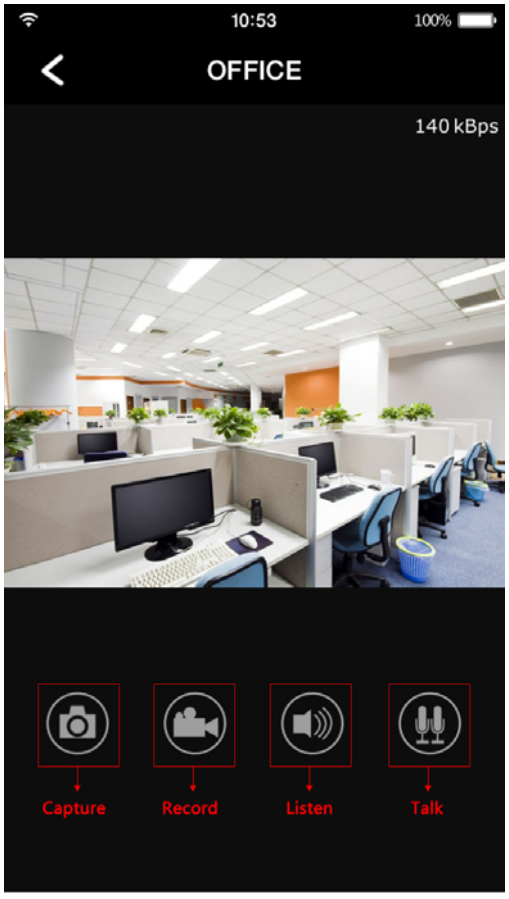


3.3 Surveillance GUI

- **Login window**



- **Surveillance window**



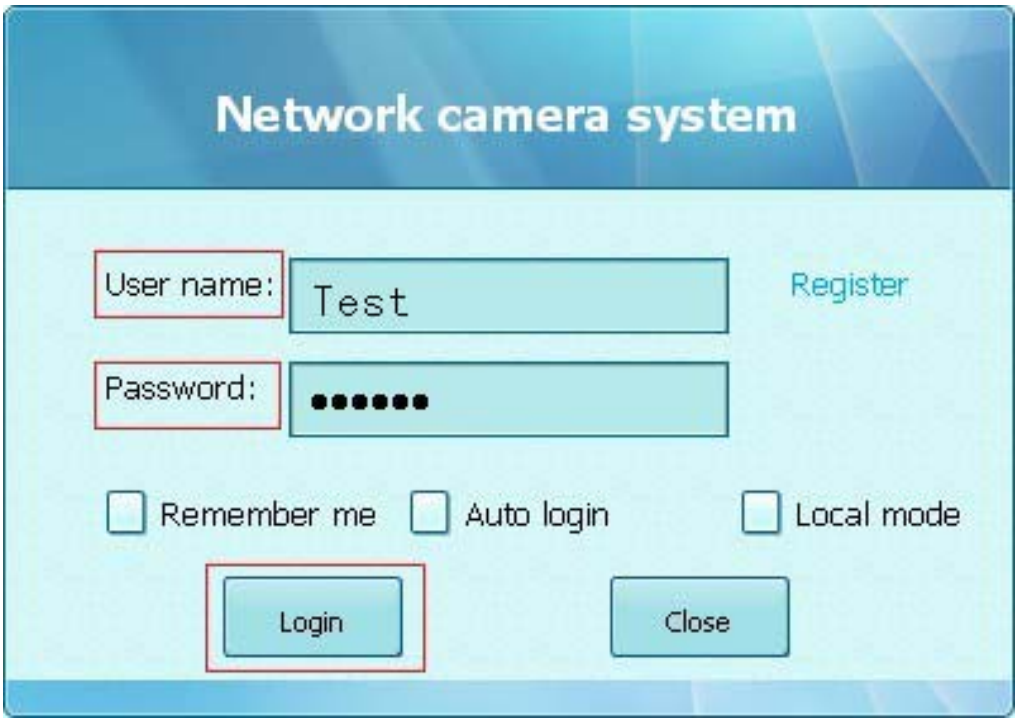
4. Access to IP Camera by Personal Computer

Please refer to the Quick Installation Guide if you install the camera at first time. After finishing quick installation, you can take time to learn the operation of the software.

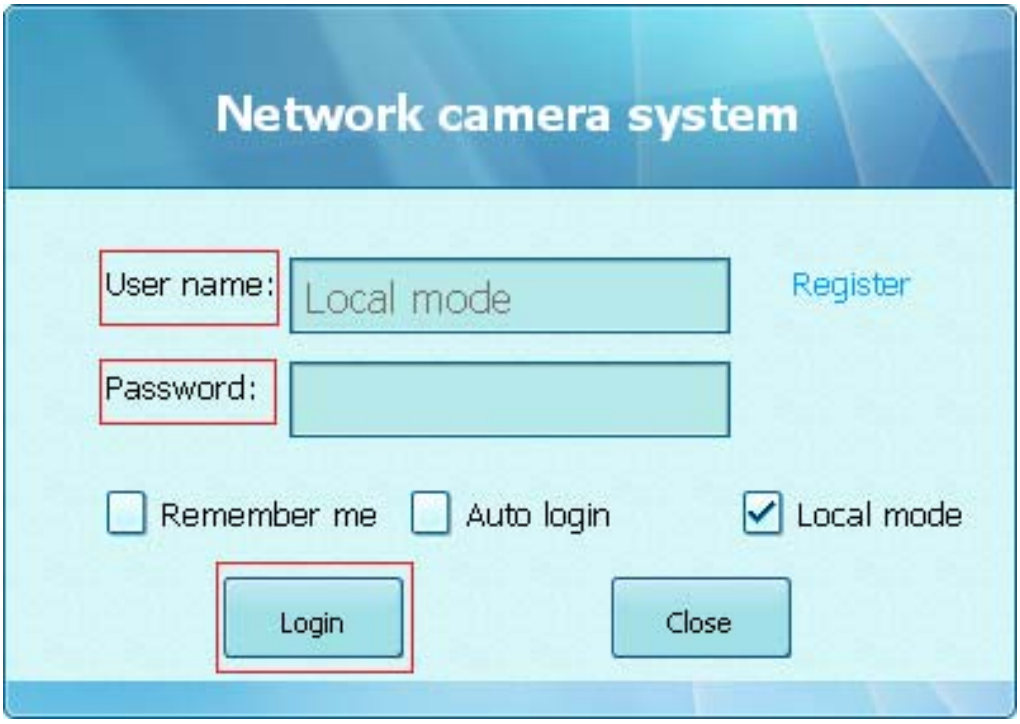
4.1 LOGIN

Double click the icon “P2P iCamera” on your desktop to run the software.

- **Access to IP Camera in WAN**

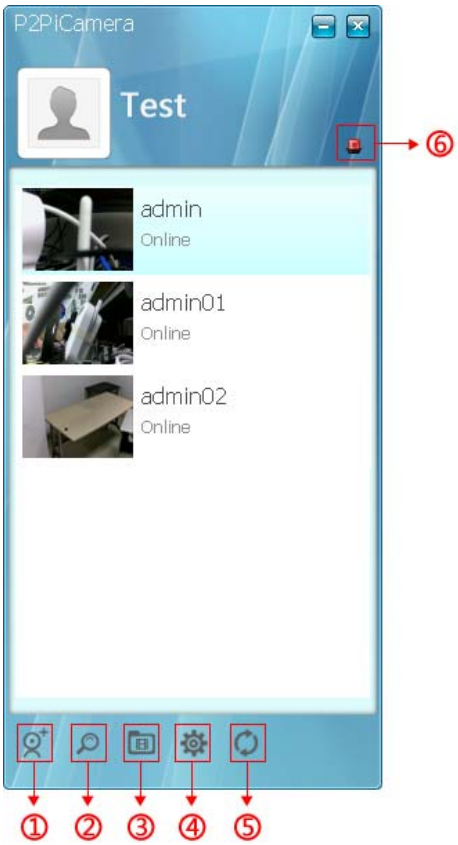


- **Access to IP Camera in LAN**



Note: If you don't have user ID, please register firstly.

After LOGIN, the following panel will pop up.

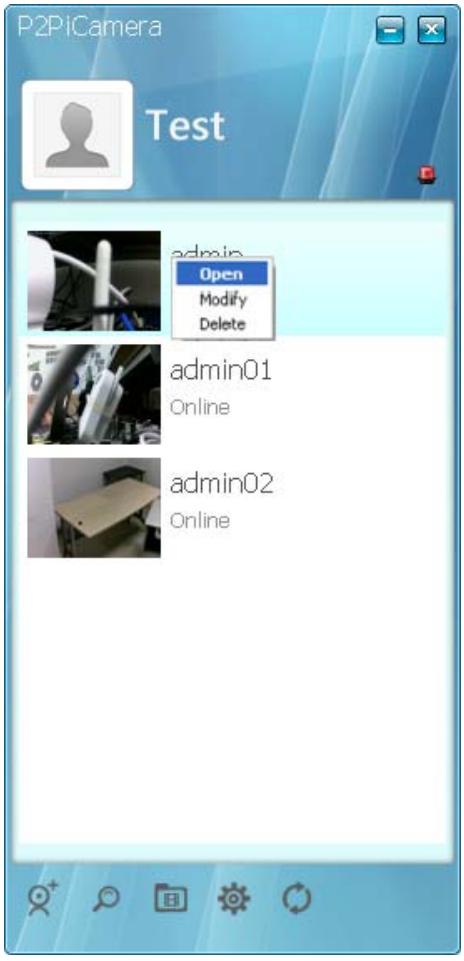


①Add device ②Search device ③Open the file saving path
④SW setup ⑤Refresh ⑥Alarm Event

4.2 Search & add device in LAN

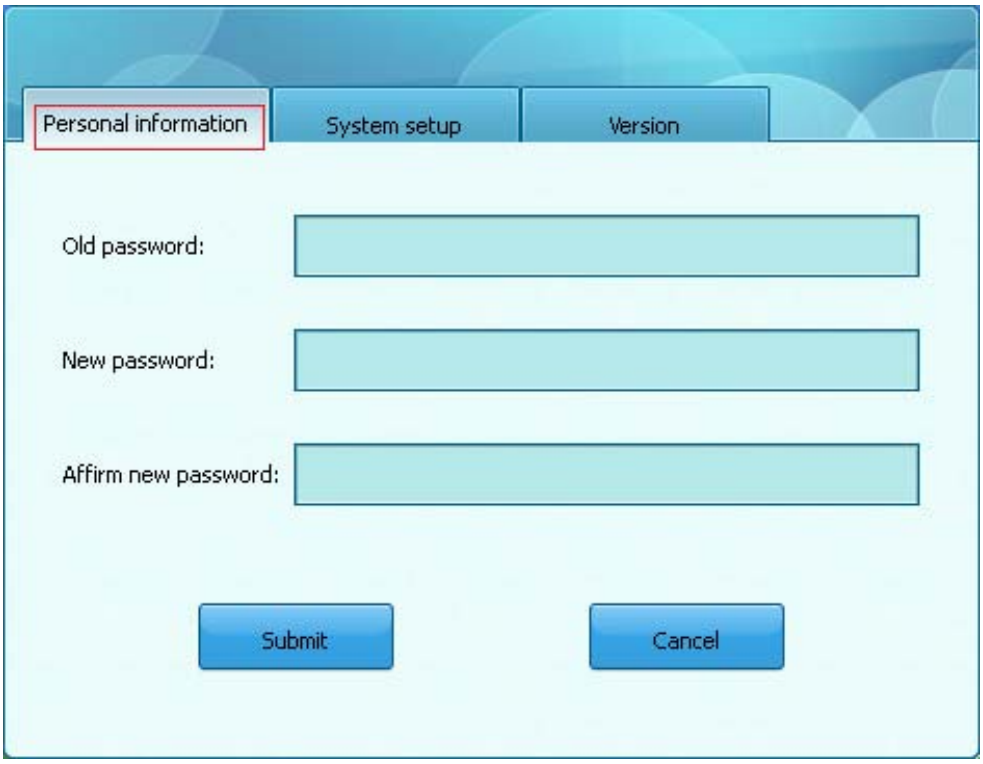
- **Add device in WAN**

4.3 Open/Modify/Delete device

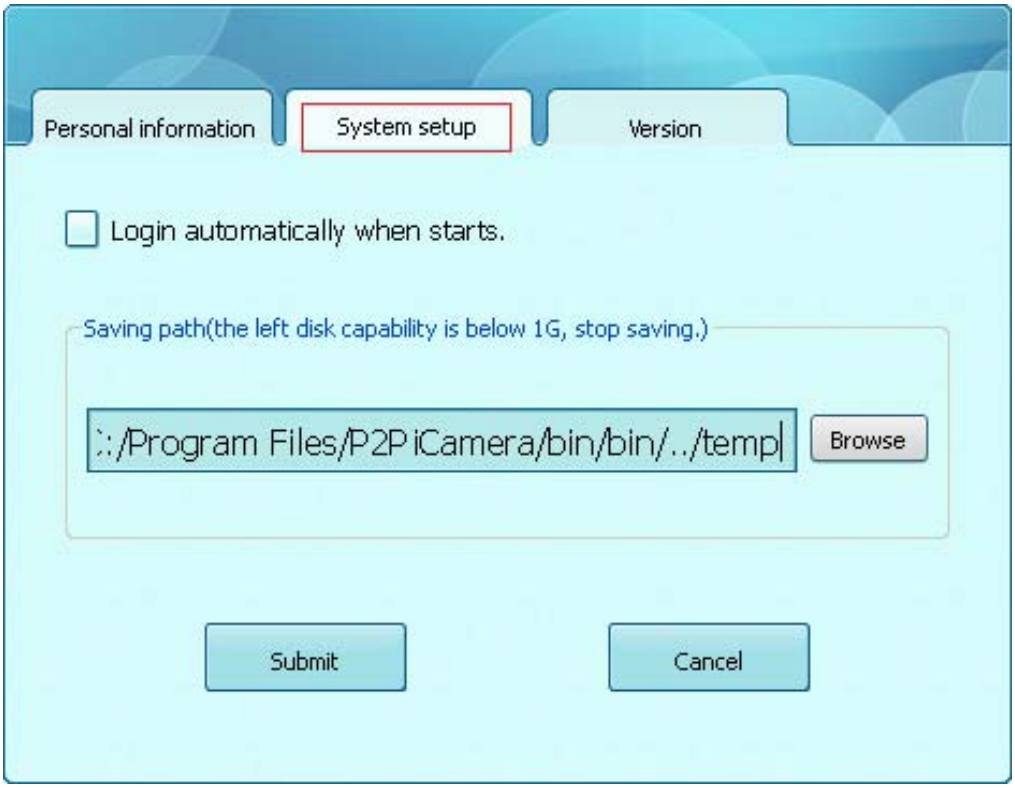


4.4 SW setup

You can change the device password as shown.

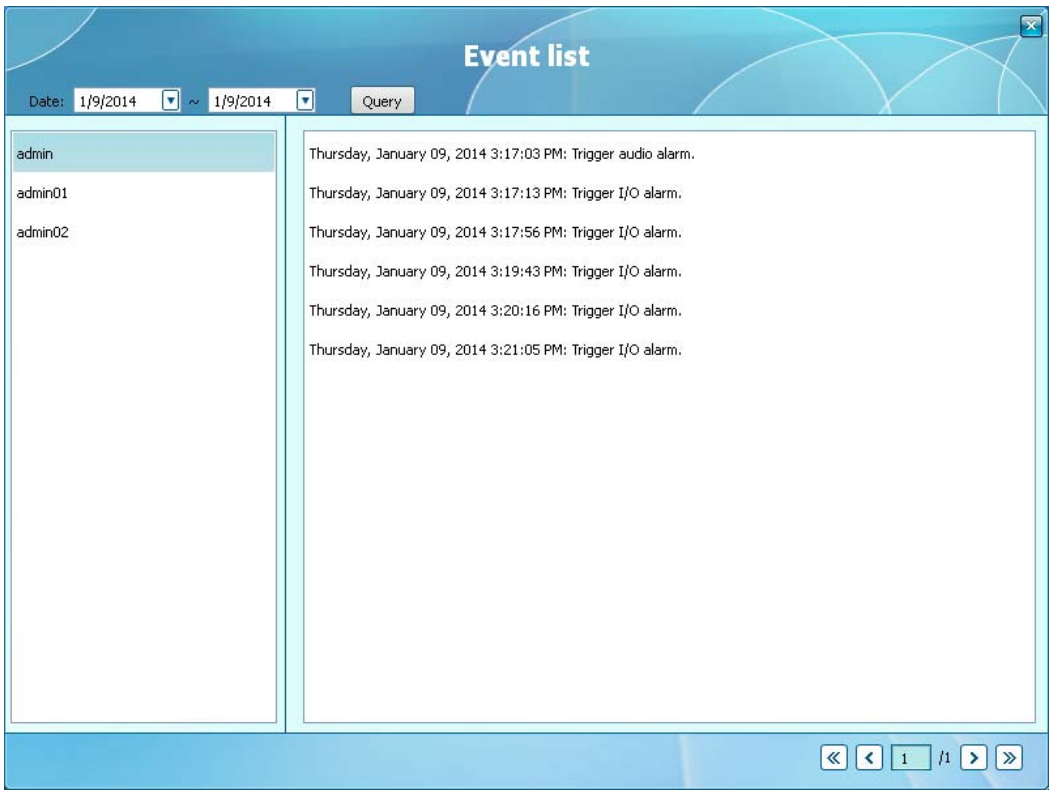


You can change the Saving path as shown.



4.5 Alarm Event

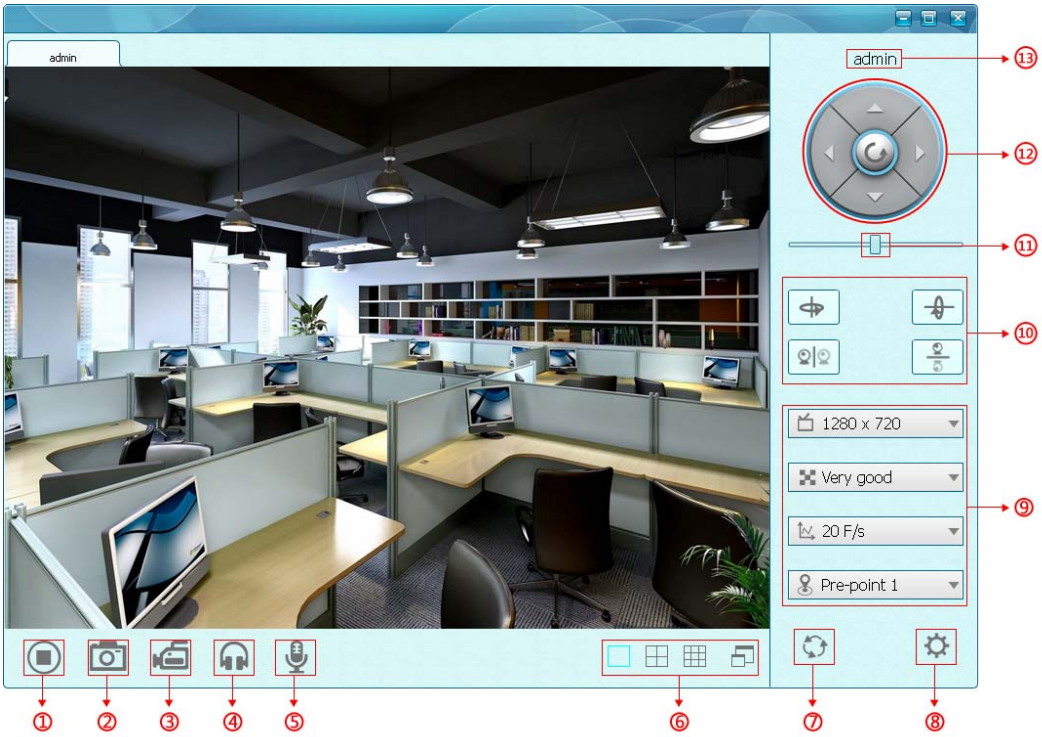
Press the Alarm Event button, the Event list will pop up.


Event list
Date: 1/9/2014 ~ 1/9/2014 Query
admin
admin01
admin02
Thursday, January 09, 2014 3:17:03 PM: Trigger audio alarm.
Thursday, January 09, 2014 3:17:13 PM: Trigger I/O alarm.
Thursday, January 09, 2014 3:17:56 PM: Trigger I/O alarm.
Thursday, January 09, 2014 3:19:43 PM: Trigger I/O alarm.
Thursday, January 09, 2014 3:20:16 PM: Trigger I/O alarm.
Thursday, January 09, 2014 3:21:05 PM: Trigger I/O alarm.
1 /1

5. Surveillance Software GUI

5.1 Login Window

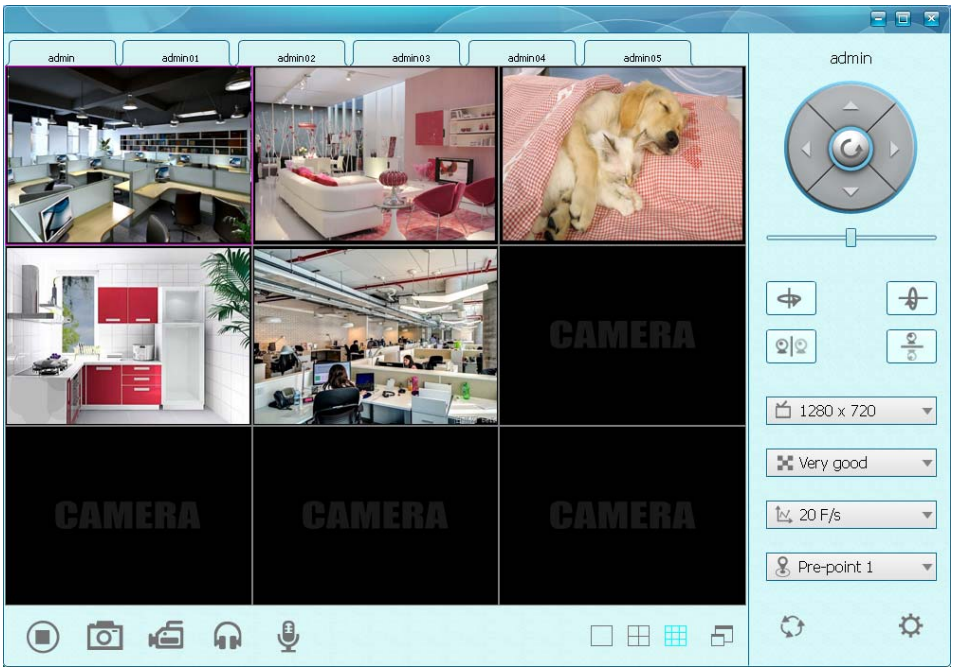
5.2 Surveillance Window



①Pause ②Snap ③Record ④Listen ⑤Talk ⑥ Multi-device window ⑦Restore ⑧Device Property Settings ⑨Image parameters settings ⑩Horizontal/Vertical control ⑪Pan/Tilt move rate settings ⑫Pan/Tilt control ⑬Device name

- **Multi-Device Window**

The software inside the camera can support up to maximum 9 cameras being monitoring at the same time.



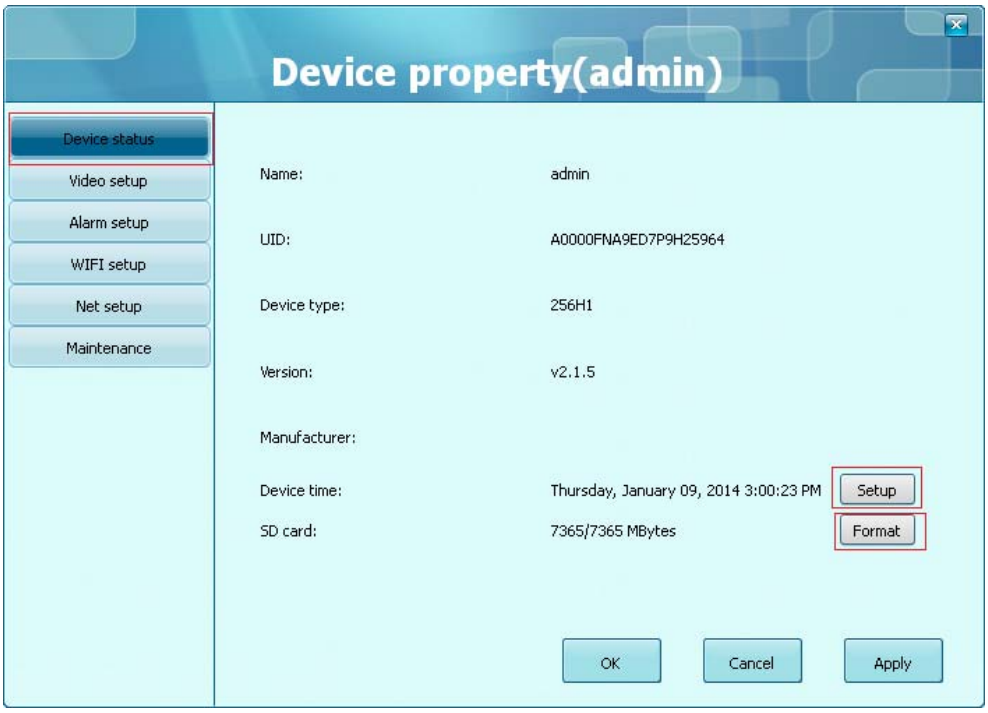
Full screen

6. Advanced camera settings

Click the button, and then go to Device Property Panel to make advanced camera settings.

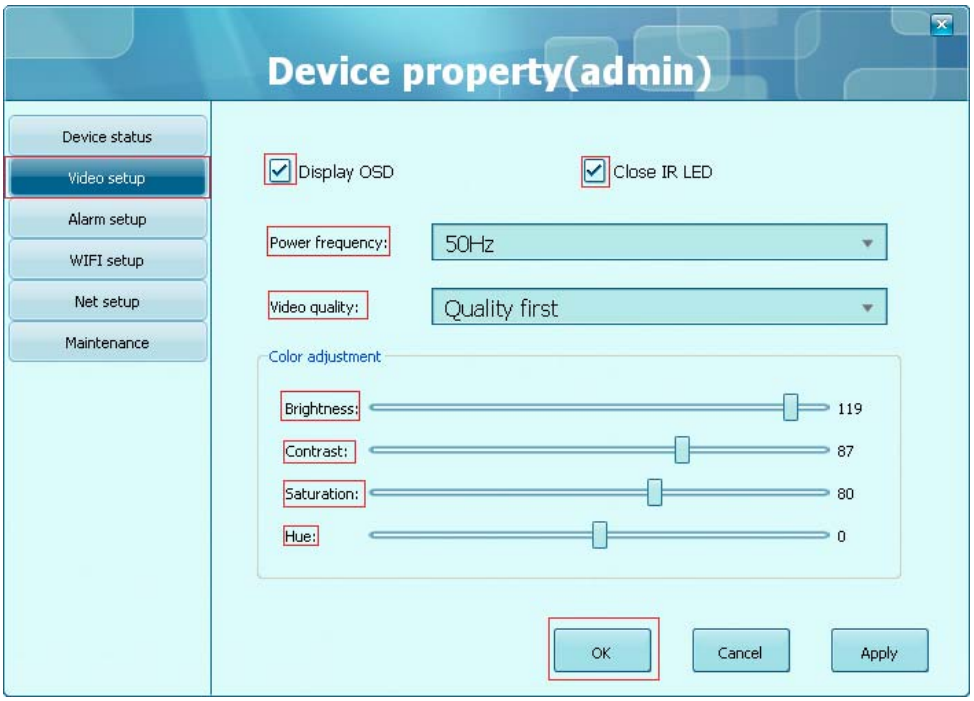
6.1 Device status

Device status contains Device Name, UID, Device type, Version, Manufacturer, Device Time, SD card, and it will show you various information about your camera.



And you may setup the Device time and format the SD card as shown above.

6.2 Video setup

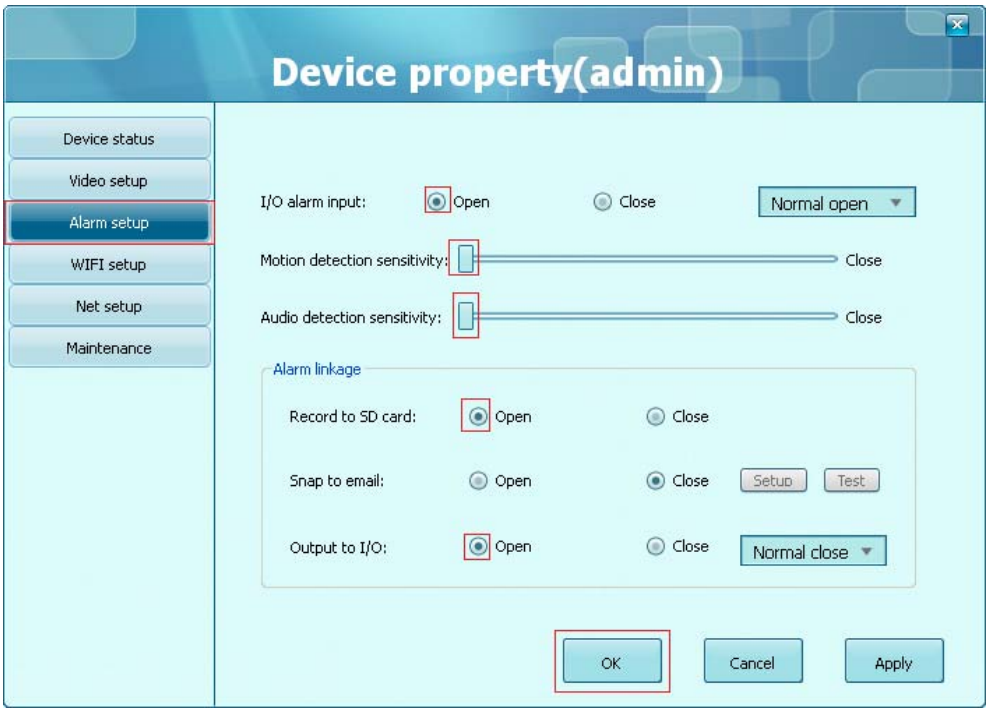


OSD is used to add timestamp on the video.
You can open or close display OSD as shown.
You can adjust the power frequency, video quality, brightness, contrast, Saturation and Hue.

6.3 Alarm setup

- **Record to SD card**

Please select the corresponding buttons to record to SD card as shown below.



- **Mail service settings**

If you want the camera to send emails when motion has been detected, E-mail setup as shown will need to be configured.

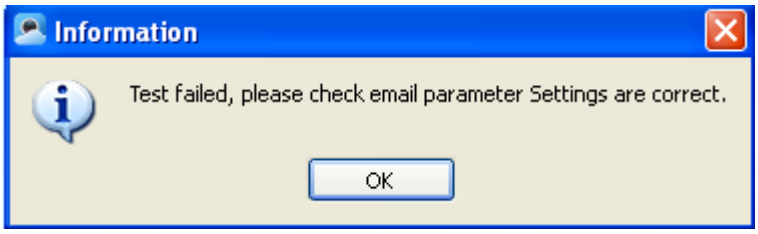
① Sender: Mailbox for sender must support SMTP.

② Receiver: Mailbox for receiver need not support SMTP.

③ SMTP server: Enter SMTP server for sender.

④ SMTP port: SMTP port is usually set as 25.

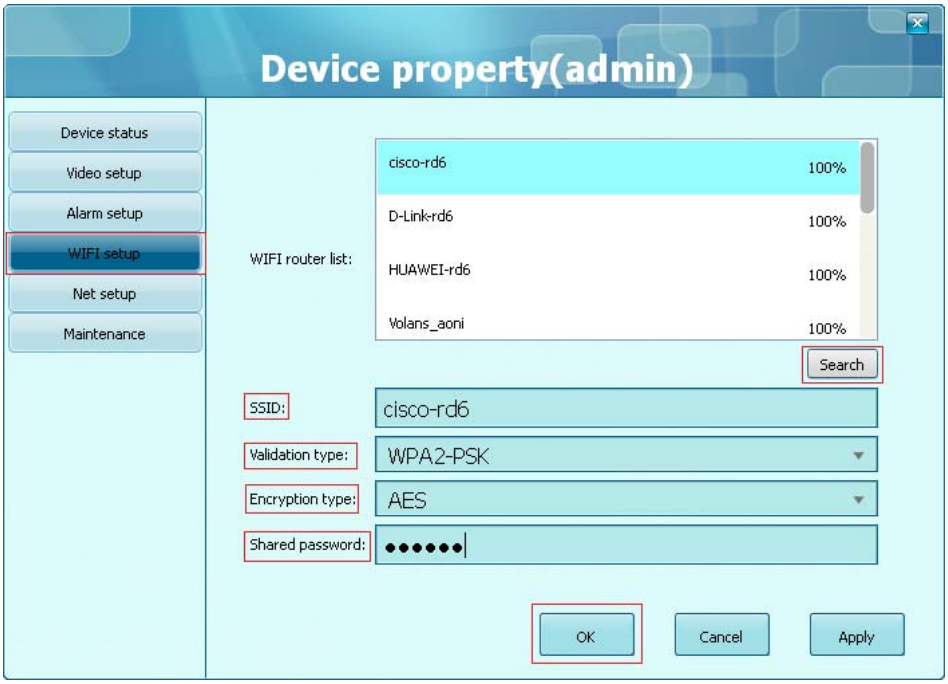
Click Test to see if Mail has been successfully configured.



If the test failed, please check email parameter settings are correct and Test again.

6.4 WIFI setup

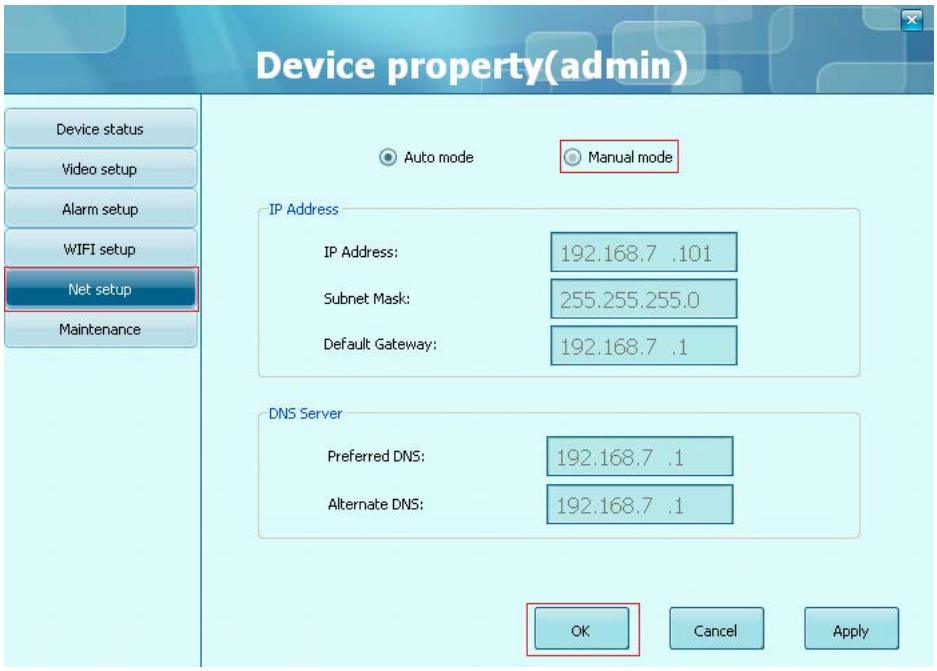
Click the Search button and the camera will detect all wireless networks around the area. It should also display your router in the list



Click the SSID (name of your router) in the list, the corresponding information related to your network, such as the name and the encryption, will be filled into the relevant fields automatically.
You will only need to fill in the password of your network. Make sure that the SSID, Encryption and the password you filled in are exactly the same for your router.

6.5 Net setup

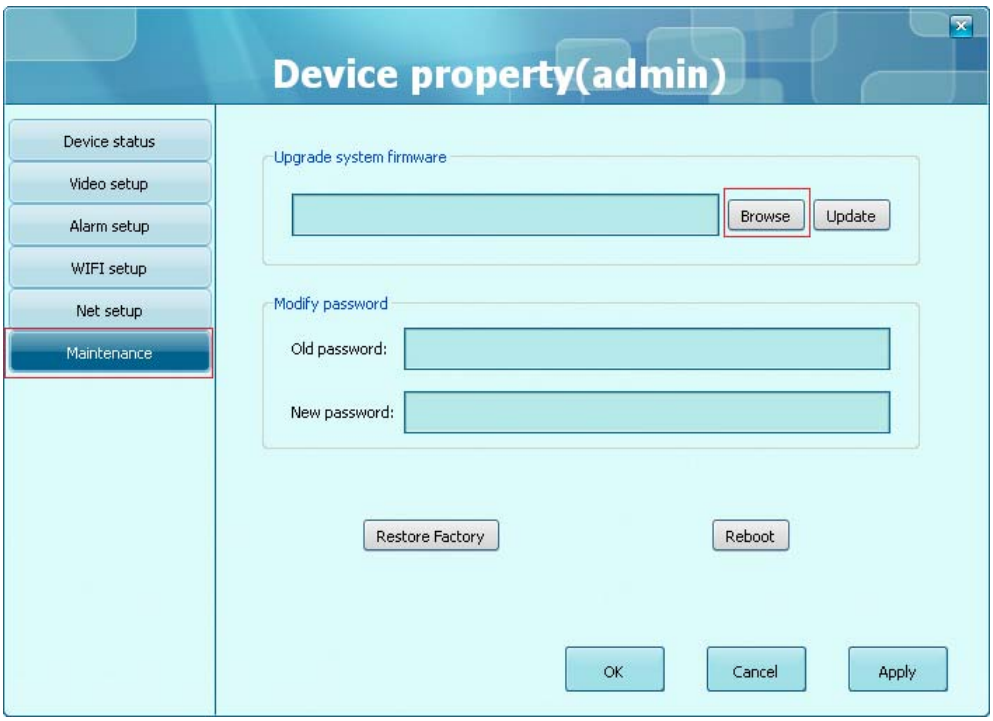
You can select Manual mode as shown.



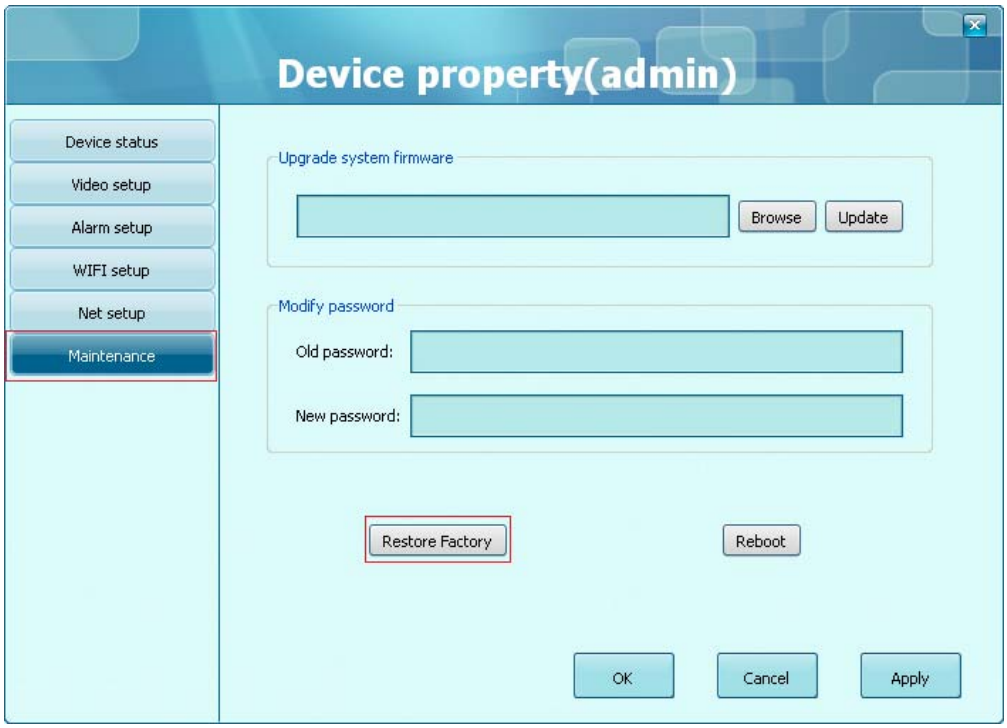
6.6 Device Maintenance

- **Upgrade system firmware**

Your current firmware version will be displayed on your screen. You may go to the **Device Status** Page to check for the latest firmware versions available.
Click **Browse**, choose the correct bin file and then click **Update.**
Don't shut down the power during update. After updating, you can see the upgrade result.



- **Restore Factory:** All parameters will return to factory settings if selected.



- **Reboot:** Click reboot device to reboot the camera. This is similar to unplugging the power to the camera.

7. APPENDIX

7.1 Warranty

No limited hardware warranty is provided unless your product was purchased from an authorized distributor or authorized reseller. Distributors may sell products to resellers who then sell products to end users.
No warranty service is provided unless the product is returned to an authorized return center in the region where the product was first shipped or to the point-of-purchase, which may have regional specific warranty implications.

7.2 Questions

Any questions you would meet, please check Network connections firstly.
And you may meet some issues or have questions that this User's Guide has not answered, please contact our reseller firstly. If our reseller cannot solve the problems, please contact us.

7.3 Announcement

Since the software will be updated constantly, you could find some information such as the UI of our software may not be the same as indicated by this User Manual, please contact with the resellers for help.

We hope your experience with our IP Camera is enjoyable.